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JFW
C.C.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of

Docket No.: 03280092US

Teruaki MITSUYA, et al.

Patent No.: 6,993,275

Date of Issue: January 31, 2006

For: IMAGE POSITION DETECTING METHOD

United States Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

RECEIVED

NOV 13 2006

OFFICE OF PETITIONS

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. 1.322
APPLICANT MISTAKE

Sir:

The undersigned respectfully requests a Certificate of Correction for the above-identified patent. In particular, it is requested that the missing assignee - - Hitachi, Ltd., Tokyo (JP) - - be inserted as the second named Assignee.

Transmitted herewith in duplicate is PTO Form 1050-Certificate of Correction for the above-identified U.S. Patent correcting one (1) Applicant mistake.

Applicant hereby states that the recordation of these Assignees was filed May 12, 2005 prior to payment of the issue fee on August 24, 2005. Applicant further notes that this recordation included an error which has been submitted for correction on October 17, 2006.

Filed herewith are the following:

- 1) Request for Certificate of Correction;
- 2) Two (2) copies of PTO Form 1050-Certificate of Correction;
- 3) Copy of the Request for Corrected Assignment as filed October 17, 2006;
- 4) Copy of the executed Declaration and Certificate of All Historical Items as filed May 12, 2005;
- 5) A marked-up copy of the first page of the Letters Patent, with the requested correction marked in red ink;
- 6) Authorization to charge fee to Deposit Account no. 23-1951; and
- 7) One (1) acknowledgement postcard.

11/07/2006 SZEWDIE1 00000141 6993275

01 FC:1464

130.00 OP

Based on the above, Applicant respectfully requests a Certificate of Correction be issued for the above-identified U.S. Patent. Since the error for which a Certificate of Correction is due to Applicant's mistake, the U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951.

Respectfully submitted,



John S. Hilton
Registration No.: 52,518

November 6, 2006

McGuireWoods LLP
1750 Tysons Boulevard, Suite 1800
McLean, Virginia 22102
(703) 712-5069

\4251055.1

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: 6,993,275 B2
DATED: January 31, 2006
INVENTORS: Teruaki MITSUYA, *et al.*

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

On the Title Page, Item [73], Assignees:

Insert -- Hitachi, Ltd., Tokyo (JP)-- as the second named Assignee, after "Ricoh Printing Systems, Ltd."

MAILING ADDRESS OF SENDER:

McGuireWoods LLP
1750 Tysons Boulevard, Suite 1800
McLean, VA 22102
(703) 712-5000

PATENT NO.: 6,993,275 B2
No. of add'l copies
@ 50¢ per page

FORM PTO 1050 (Rev. 2-93)

Active\3602631.1

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OFFICE OF PETITIONS

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: 6,993,275 B2
DATED: January 31, 2006
INVENTORS: Teruaki MITSUYA, *et al.*

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

On the Title Page, Item [73], Assignees:

Insert -- Hitachi, Ltd., Tokyo (JP)-- as the second named Assignee, after "Ricoh Printing Systems, Ltd."

MAILING ADDRESS OF SENDER:

McGuireWoods LLP
1750 Tysons Boulevard, Suite 1800
McLean, VA 22102
(703) 712-5000

PATENT NO.: 6,993,275 B2
No. of add'l copies
@ 50¢ per page

FORM PTO 1050 (Rev. 2-93)

Active\3602631.1

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Certificate of Transmission under 37 CFR 1.8

OFFICE OF PETITIONS

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on October 17, 2006.

Date

COPY

Signature

John S. Hiltun

Typed or printed name of person signing Certificate

52,518

703-712-5069

Registration Number if applicable

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Application No.:	10/400,455 10/412,695 10/452,642 10/615,023 10/647,507 10/796,208
------------------	--

Date:	October 17, 2006
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Mail Stop: ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents:

Please receive the following via facsimile transmission: 571.273.0140:

1. Request for Corrected Notice of Recordation of Assignment Document;
2. Copy of originally filed Recordation Form Coversheet as filed on September 29, 2006 with the requested correction marked in red ink; and
3. Copy of the Notice of Recordation of Assignment Document for the above-identified patent application, with the requested correction marked in red ink.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Nos.: 10/400,455
 10/412,695
 10/452,642
 10/615,023
 10/647,507
 10/796,208

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NOV 13 2006

Mail Stop: ASSIGNMENT RECORDATION SERVICES
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OFFICE OF PETITIONS

REQUEST FOR CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Sir:

The undersigned respectfully requests a corrected Notice of Recordation of Assignment Document for the above-identified patents. In particular, it is requested that the Assignor, currently listed as "Hitachi Printing Solutins, Ltd." be changed to --**Hitachi Printing Solutions, Ltd.**-- and the Assignee, currently listed as "Ricoh Printin Systems, Ltd." be changed to --**Ricoh Printing Systems, Ltd.**--, as marked in red in the attached copy of the Notice of Recordation of Assignment.

Filed herewith are the following:

- 1) Request for Corrected Notice of Recordation of Assignment Document;
- 2) Copy of originally filed Recordation Form Coversheet as filed on September 29, 2006; and
- 3) Copy of the Notice of Recordation of Assignment Document for the above-identified patent application, with the requested correction marked in red ink.

Since the incorrect Assignor and Assignee was due to the U.S. Patent and Trademark Office's error, no additional fee is due for this correction. If additional fees are required to process this request, please charge Attorney's Deposit Account no. 23-1951.

Respectfully submitted,



John S. Hilten
Registration No.: 52,518

Date: October 17, 2006

McGuireWoods LLP
1750 Tysons Boulevard
Suite 1800
McLean, VA 22102
Telephone: (703) 712-5069
Facsimile: (703) 712-5196

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COPY

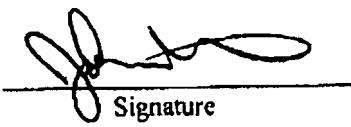
FORM PTO-1595
1-31-92RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
OFFICE OF PETITIONS
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Hitachi Printing Solutions, Ltd. Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 3. Nature of Conveyance <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Correct receiving party name that was listed incorrectly on previous Recordation Cover sheet</u> Execution Date:</p>	<p>2. Name and address of receiving party(ies): Name: Ricoh Printing Systems, Ltd. Hitachi Ltd. Internal Address: Street Address: 15-1, Konan 2-chome, Minato-ku, City: Tokyo, State or Country: Japan Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
--	---

4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is	
A. Patent Application No(s).	
10/400,455 filed on March 28, 2003 10/412,695 filed on April 14, 2003 10/452,642 filed on June 3, 2003 10/615,023 filed on July 9, 2003 10/647,507 filed on August 26, 2003 10/796,208 filed on March 10, 2004	B. Patent No(s).
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 Telephone No.: 703-712-5420 Facsimile No.: 703-712-5182	6. Total number of applications and patents involved: 6 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951
--	---

9. Statement and signature	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
John S. Hilton, Reg. No. 52,518 Name of Person Signing	 Signature September 29, 2006 Date



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NOV 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE OFFICE OF PETITIONS

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 03, 2006

PTAS

700289530A

MCGUIRE WOODS LLP
1750 TYSONS BOULEVARD, SUITE 1800
MCLEAN, VA 22102

700289530A

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/29/2006

REEL/FRAME: 018336/0477
NUMBER OF PAGES: 15

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE ASSIGNEE'S NAME PREVIOUSLY RECORDED ON REEL 016563, FRAME 0233. ASSIGNOR HEREBY CONFIRMS THE CHANGE OF NAME.

ASSIGNOR: SOLUTIONS
HITACHI PRINTING SOLUTIONS, LTD. DOC DATE: 10/01/2004

ASSIGNEE: PRINTING
RICOH PRINTING SYSTEMS, LTD.,
HITACHI LTD.
15-1, KONAN 2-CHOME, MINATO-KU
TOKYO, JAPAN

SERIAL NUMBER: 10400455
PATENT NUMBER: 7079803
TITLE: ELECTROPHOTOGRAPHIC PRINTER

FILING DATE: 03/28/2003
ISSUE DATE: 07/18/2006

018336/0477 PAGE 2

SERIAL NUMBER: 10413695	FILING DATE: 04/15/2003
PATENT NUMBER: 6929643	ISSUE DATE: 08/16/2005
TITLE: RESECTOSCOPE APPARATUS AND ELECTRIC OPERATION APPARATUS	
SERIAL NUMBER: 10452642	FILING DATE: 06/03/2003
PATENT NUMBER: 6907220	ISSUE DATE: 06/14/2005
TITLE: COOLING DEVICE FOR COOLING RECORDING SHEET	
SERIAL NUMBER: 10615023	FILING DATE: 07/09/2003
PATENT NUMBER: 6923439	ISSUE DATE: 08/02/2005
TITLE: IMAGE FORMING DEVICE	
SERIAL NUMBER: 10647507	FILING DATE: 08/26/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: MULTIPLE BEAM SCANNING DEVICE	
SERIAL NUMBER: 10796208	FILING DATE: 03/10/2004
PATENT NUMBER: 6993275	ISSUE DATE: 01/31/2006
TITLE: IMAGE POSITION DETECTING METHOD	

JEFFREY OLSEN, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

09/29/2006

700289530

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NOV 13 2006

FORM PTO-1595
1-31-92RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
OFFICE OF PETITIONS

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Hitachi Printing Solutions, Ltd.</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3. Nature of Conveyance <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Correct receiving party name that was listed incorrectly on previous Recordation Cover sheet</u></p> <p>Execution Date:</p>		<p>2. Name and address of receiving party(ies): Name: Ricoh Printing Systems, Ltd. Hitachi Ltd.</p> <p>Internal Address: Street Address: 15-1, Konan 2-chome, Minato-ku, City: Tokyo, State or Country: Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is</p> <p>A. Patent Application No(s). 10/400,455 filed on March 28, 2003 10/412,695 filed on April 14, 2003 10/452,642 filed on June 3, 2003 10/615,023 filed on July 9, 2003 10/647,507 filed on August 26, 2003 10/796,208 filed on March 10, 2004</p> <p>B. Patent No(s).</p>		
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>5. Name and address of party to whom correspondence concerning document should be mailed: McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 Telephone No.: 703-712-5420 Facsimile No.: 703-712-5182</p> <p>6. Total number of applications and patents involved: 6</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: 23-1951</p>		
<p>9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>John S. Hilton, Reg. No. 52,518</u> Name of Person Signing</p> <p> Signature</p> <p>September 29, 2006 Date</p>		

ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS**

Teruaki MITSUYA and
Hiroyuki MABUCHI of Hitachinaka-shi, Ibaraki-ken, Japan

NAME AND ADDRESS
OF ASSIGNOR(S)

and

Toru MIYASAKA and
Mieko ISHII of Tsuchiura-shi, Ibaraki-ken, Japan

(HEREINAFTER REFERRED TO AS ASSIGNEE), have
invented and own a certain invention
entitled:

TITLE OF INVENTION: IMAGE POSITION DETECTING METHOD

for which application for Letters Patent of
the United States has been executed on even
date herewith,

WHEREAS

FULL NAME AND ADDRESS
OF ASSIGNEE

HITACHI PRINTING SOLUTIONS, LTD.
No.15-1, Konan 2-chome, Minato-ku, Tokyo, Japan

and

HITACHI LTD.
No.6, Kanda-Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan

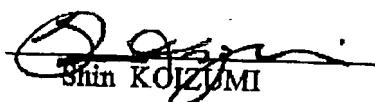
(hereinafter referred to as ASSIGNEE), is
desirous of acquiring the entire interest
in, to and undersaid invention and the United
States Letters Patent to be obtained
therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:
Be it known that in consideration of the
payment of ASSIGNEE to ASSIGNEE of the sum
of One Dollar (\$1.00), the receipt of which
is hereby acknowledged, and for other good
and valuable consideration, ASSIGNEE hereby
sells, assigns and transfers to ASSIGNEE the

DECLARATION

I, Shin KOIZUMI, Japanese Patent Attorney, of c/o KITAZAWA & KOIZUMI, 6F, Sigma Yushima Building, 37-4, Yushima 3-chome, Bunkyo-ku, Tokyo, Japan, hereby certify that the translation of Certificate of All the Historical Items issued on January 13, 2005, attached hereto is correct and faithful.

Dated this 16th day of February, 2005.


Shin KOIZUMI

- Translation -

Certificate of All the Historical Items

15-1, Konan 2-chome, Minato-ku, Tokyo, Japan
Ricoh Printing Systems, Ltd.
Corporation No. 0104-01-051321

Firm Name: Hitachi Printing Solutions, Ltd.

Ricoh Printing Systems, Ltd.

Changed on October 1, 2004

Registered on October 1, 2004

Principal Office: 15-1, Konan 2-chome, Minato-ku, Tokyo, Japan

Means for Giving Public Notice: By publishing in the Official Gazette

Date of Company Establishment: October 1, 2002

Purpose of Company:

1. Development, design, manufacturing and sale of printers, its related devices and electronic machinery and instruments.
2. Development, design, manufacturing and sale of peripheral devices and terminal devices.
3. Development, design, manufacturing and sale of data communications devices and data processing devices.
4. Development, design, manufacturing and sale of printing system equipments.
5. Recycle and sale of the recycled products mentioned in the above items.
6. Development, design, manufacturing and sale of materials and components of the products mentioned in the above items.
7. Development, design, manufacturing and sale of industrial electric machinery and instruments of the products mentioned in the above items, such as manufacturing devices, inspection apparatuses, etc.
8. Programming and sale of software relating to the products mentioned in the above items.
9. Lease, repair, maintenance services and installation in connection with the products mentioned in the above items.
10. Businesses relating to construction and maintenance of data network systems, and data processing services.
11. Businesses relating to printing, document creating management, and such other businesses concerning office processing.
12. Electronic commerce, information services, development, design, operation and maintenance of data systems thereof.

- Translation -

13. Working contracts of consulting business and engineering relating to the items listed above.
14. Constructions of equipments including electrical devices, tubes, electrical communications, machinery equipments, and fire-related devices; design, management and contract of architecture constructions.
15. Sale and purchase of used things.
16. Licensing and working contracts of intellectual property including patents, copyrights and know-how.
17. Worker dispatch business.
18. Money-lending business, along with acquisition of assets and guarantee of liabilities.
19. Investments in venture companies and venture capitals.
20. Collection and disposal services of industrial waste, and recycle business of industrial waste and domestic waste.
21. Warehousing business and freight transportation business.
22. All other businesses relating to the items listed above.

Authorized Shares: 400 thousand shares

Docket No. O144657

*The underlined items are crossed out.

Page 1/6

Total number of outstanding shares, sorts and numbers thereof: Total number of outstanding shares:
100 thousand shares

Amount of capital: 5 billion Yen

Particulars concerning the Executives:

Director: Toshiaki KATAYAMA

Reappointed on June 23, 2003

Director: Toshiaki KATAYAMA

Reappointed on June 23, 2004

Registered on June 28, 2004

Director: Yasuyuki TSUJI

Reappointed on June 23, 2003

Resigned on March 31, 2004

Registered on April 13, 2004

Director: Shinichi ENDOH

Reappointed on June 23, 2003

Director: Shinichi ENDOH

Reappointed on June 23, 2004

Registered on June 28, 2004

Director: Tsugio MOMOSE

Reappointed on June 23, 2003

Resigned on March 31, 2004

- Translation -

Registered on April 13, 2004

Director: Ikuo YUKI

Reappointed on June 23, 2003

Director: Ikuo YUKI

Reappointed on June 23, 2004

Registered on June 28, 2004

Resigned on September 30, 2004

Registered on October 1, 2004

Docket No. O144657

*The underlined items are crossed out.

Page 2/6

Director: Yasuo KIKUCHI

Appointed on April 1, 2004

Director: Yasuo KIKUCHI

Registered on April 13, 2004

Reappointed on June 23, 2004

Registered on June 28, 2004

Director: Kunio SHO

Appointed on April 1, 2004

Director: Kunio SHO

Registered on April 13, 2004

Reappointed on June 23, 2004

Registered on June 28, 2004

Director: Kazuhiro TACHIBANA

Appointed on April 1, 2004

Director: Kazuhiro TACHIBANA

Registered on April 13, 2004

Reappointed on June 23, 2004

Registered on June 28, 2004

Resigned on September 30, 2004

Registered on October 1, 2004

Director: Hiroshi KOBAYASHI

Appointed on October 1, 2004

Registered on October 1, 2004

Director: Yoshimasa MATSUURA

Appointed on October 1, 2004

Registered on October 1, 2004

President and CEO: Toshiaki KATAYAMA,
residing at Heru-Eru Tamagawa 8, 6-8,
Futako 3-chome, Takatsu-ku,
Kawasaki-shi, Kanagawa, Japan

Reappointed on June 23, 2003

- Translation -

President and CEO: Toshiaki KATAYAMA, Reappointed on June 23, 2004
residing at Beru-Eru Tamagawa 8, 6-8, Registered on June 28, 2004
Futako 3-chome, Takatsu-ku,
Kawasaki-shi, Kanagawa, Japan

Auditor: Eiji YANO Reappointed on June 23, 2003
Resigned on September 30, 2004
Registered on October 1, 2004

Docket No. O144657

*The underlined items are crossed out.

Page 3/6

Auditor: Kunimitsu YAMADA Reappointed on June 23, 2003

Auditor: Masao TERADA Reappointed on June 23, 2003
Resigned on September 30, 2004
Registered on October 1, 2004

Auditor: Masayuki ISHIHARA Appointed on October 1, 2004
Registered on October 1, 2004

Auditor: Yukihiko YAMANAKA Appointed on October 1, 2004
Registered on October 1, 2004

Transfer of Claim:

Transfer of Claim No. 2003-21003

Date of Registration: September 29, 2003

Assignee: CONCERTO RECEIVABLES CORPORATION
of CIBC Bank and Trust (Cayman) Limited
P.O. Box 694 GT, Edward Street, George Town, Grand Cayman,
Cayman Islands, British West Indies

Expiration of Term of Transfer of Claim No. 2003-21003 Registered on September 30, 2003

Registered on December 2, 2003

- Translation -

Transfer of Claim No. 2003-21364

Date of Registration: September 30, 2003

Assignee: HITACHI ASSET FUNDING INC.

of 15-12, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, Japan

Registered on October 1, 2003

Expiration of Term of Transfer of Claim No. 2003-21364

Registered on November 19, 2003

Transfer of Claim No. 2003-29022

Date of Registration: December 26, 2003

Docket No. O144657

*The underlined items are crossed out.

Page 4/6

Assignee: HITACHI ASSET FUNDING INC.

of 15-12, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, Japan

Registered on January 5, 2004

Expiration of Term of Transfer of Claim No. 2003-29022

Registered on February 18, 2004

Transfer of Claim No. 2004-7765

Date of Registration: March 29, 2004

Assignee: HITACHI ASSET FUNDING INC.

of 15-12, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, Japan

Registered on March 30, 2004

Expiration of Term of Transfer of Claim No. 2004-7765

Registered on June 17, 2004

Transfer of Claim No. 2004-16173

Date of Registration: June 30, 2004

Assignee: HITACHI ASSET FUNDING INC.

of 15-12, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, Japan

Registered on July 1, 2004

Expiration of Term of Transfer of Claim No. 2004-16173

Registered on August 18, 2004

Transfer of Claim No. 2004-23932

Date of Registration: September 29, 2004

Assignee: HITACHI ASSET FUNDING INC.

of 15-12, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, Japan

- Translation -

Expiration of Term of Transfer of Claim No. 2004-23932

Registered on September 30, 2004

Registered on December 17, 2004

Items relating to the registered record:

Hitachi Printing Solutions, Ltd. moved from 810 Shimoimaizumi, Ebina-shi, Kanagawa, Japan
on August 18, 2003

Registered on August 19, 2003

Docket No. O144657

*The underlined items are crossed out.

Page 5/6

This is to certify that all the items that are registered and are not closed in the Commercial Register
are indicated herein.

(Registration is under the jurisdiction of Tokyo Legal Affairs Bureau, Minato Branch Office)

January 13, 2005

Issued by Mito District Legal Affairs Bureau

Registrar Hideo MURAMATSU <SEAL>

Docket No. O144657

*The underlined items are crossed out.

Page 6/6

履歴事項全部証明書

東京都港区港南二丁目15番1号
 リコードプリントシステムズ株式会社
 会社法人等番号 0104-01-051321

商 号	<u>日立プリントシステムズソリューションズ株式会社</u>	
	リコードプリントシステムズ株式会社	平成16年10月 1日変更 平成16年10月 1日登記
本 店	東京都港区港南二丁目15番1号	
公告をする方法	官報に掲載してこれを行う	
会社成立の年月日	平成14年10月1日	
日 的	1. プリンタ及びその関連機器、その他の電子機械器具の開発、設計、製造及び販売 2. コンピュータの周辺機器及び端末機器の開発、設計、製造及び販売 3. 情報通信機器及び情報処理機器の開発、設計、製造及び販売 4. 印刷システム機器の開発、設計、製造及び販売 5. 前各号に掲げた製品の再生処理及び再生製品の販売 6. 前各号に掲げた製品に関する材料・部品等の開発、設計、製造及び販売 7. 前各号に掲げた製品の製造装置・検査装置等の産業用電気機械器具の開発、設計、製造及び販売 8. 前各号に掲げた製品に関するソフトウェアの作成及び販売 9. 前各号に掲げた製品の貸貸、修理、保守サービス及び据付工事 10. 情報ネットワークシステムの構築、保守管理及び情報処理サービスに関する事業 11. 印刷、文書作成管理、その他事務処理に関する事業 12. インターネットを利用した通信販売及び各種情報の提供並びにこれらの情報システムの開発、設計、運用及び保守 13. 前各号に関するコンサルティング業務及びエンジニアリングの請負 14. 電気工事、管工事、電気通信工事、機械器具設置工事、消防施設工事等の設備工事及び建築工事の設計、監理並びに請負 15. 古物の売買 16. 特許権、著作権、ノウハウ等の知的財産権の実施許諾及び使用許諾 17. 労働者派遣事業 18. 金銭の貸付、債権の買取、債務の保証 19. ベンチャーエンタープライズ、ベンチャーキャピタルへの投資 20. 農業廃棄物収集、処理業及び産業廃棄物、一般廃棄物の再生処理業 21. 倉庫業及び貨物運送取扱業 22. 前各号に関する一切の事業	
発行する株式の総数	40万株	

整理番号 オ144657

* 下線のあるものは抹消事項であることを示す。

1/6

東京都港区港南二丁目15番1号
 リコーブリンティングシステムズ株式会社
 会社法人等番号 0104-01-051321

発行済株式の総数 並びに種類及び数	発行済株式の総数 10万株	
資本の額	金50億円	
役員に関する事項	取締役 <u>片山利昭</u>	平成15年 6月23日就任
	取締役 <u>片山利昭</u>	平成16年 6月23日就任
	取締役 <u>辻保亨</u>	平成16年 6月28日登記
	取締役 <u>遠藤伸一</u>	平成15年 6月23日就任
	取締役 <u>遠藤伸一</u>	平成16年 6月23日就任
	取締役 <u>百瀬次生</u>	平成16年 6月28日登記
	取締役 <u>由木幾夫</u>	平成15年 6月23日就任
	取締役 <u>由木幾夫</u>	平成16年 6月23日就任
	取締役 <u>由木幾夫</u>	平成16年 6月28日登記
	取締役 <u>由木幾夫</u>	平成16年 9月30日辞任

整理番号 オ144657

* 下線のあるものは株主事項であることを示す。

2/6

東京都港区港南二丁目15番1号
 リコード・プリント・システムズ株式会社
 会社法人等番号 0104-01-051321

	<u>取締役</u> 菊池 康夫	平成16年 4月 1日就任
		平成16年 4月 13日登記
	<u>取締役</u> 菊池 康夫	平成16年 6月 23日重任
		平成16年 6月 28日登記
	<u>取締役</u> 尚邦男	平成16年 4月 1日就任
		平成16年 4月 13日登記
	<u>取締役</u> 尚邦男	平成16年 6月 23日重任
		平成16年 6月 28日登記
	<u>取締役</u> 立花和弘	平成16年 4月 1日就任
		平成16年 4月 13日登記
	<u>取締役</u> 立花和弘	平成16年 6月 23日重任
		平成16年 6月 28日登記
		平成16年 9月 30日辞任
		平成16年 10月 1日登記
	<u>取締役</u> 小林博	平成16年 10月 1日就任
		平成16年 10月 1日登記
	<u>取締役</u> 松浦芳正	平成16年 10月 1日就任
		平成16年 10月 1日登記
	川崎市高津区二子三丁目6番8号ベル・エール 多摩川8 <u>代表取締役</u> 片山利昭	平成15年 6月 23日重任
	川崎市高津区二子三丁目6番8号ベル・エール 多摩川8 <u>代表取締役</u> 片山利昭	平成16年 6月 23日重任
		平成16年 6月 28日登記
	<u>監査役</u> 矢野英治	平成15年 6月 23日重任
		平成16年 9月 30日辞任
		平成16年 10月 1日登記

整理番号 才144657

* 下線のあるものは抹消事項であることを示す。

3 / 6

東京都港区港南二丁目15番1号
 リコーブリンティングシステムズ株式会社
 会社法人等番号 0104-01-051321

	監査役 山田 邦光	平成15年 6月23日重任
	監査役 寺田 雅男	平成15年 6月23日重任
		平成16年 9月30日辞任
		平成16年10月 1日登記
	監査役 石原 雅之	平成16年10月 1日就任
		平成16年10月 1日登記
	監査役 山中 行彦	平成16年10月 1日就任
		平成16年10月 1日登記
債権譲渡	第2003-21003号債権譲渡	
	登記の年月日	
	平成15年9月29日	
	譲受人	
	英領西インド諸島、ケイマン諸島、グランド・ケイマン、ジョージ・タウン、エドワード・ストリート、私書箱694 GT、シー・アイ・ビーシー・バンク・アンド・トラスト(ケイマン)リミテッド (日本における営業所等 東京都中央区日本橋室町二丁目4番3号) コンチネル・レシーバブルズ・コーポレーション	
		平成15年 9月30日登記
	第2003-21003号存続期間満了	平成15年12月 2日登記
	第2003-21364号債権譲渡	
	登記の年月日	
	平成15年9月30日	
	譲受人	
	東京都港区西新橋二丁目15番12号 日立アセットファンディング有限会社	
		平成15年10月 1日登記
	第2003-21364号存続期間満了	平成15年11月19日登記
	第2003-29022号債権譲渡	
	登記の年月日	
	平成15年12月26日	

整理番号 オ144667 * 下線のあるものは抹消事項であることを示す。

4/6

東京都港区港南二丁目15番1号
 リコードプリントシステムズ株式会社
 会社法人等番号 0104-01-051321

	<p><u>譲受人</u> <u>東京都港区西新橋二丁目16番12号</u> <u>日立アセットファンディング有限会社</u></p> <p>平成16年 1月 5日登記</p>
	<p>第2003-29022号存続期間満了</p> <p>平成16年 2月 18日登記</p>
	<p><u>第2004-7765号債権譲渡</u></p> <p><u>登記の年月日</u> <u>平成16年3月29日</u></p> <p><u>譲受人</u> <u>東京都港区西新橋二丁目15番12号</u> <u>日立アセットファンディング有限会社</u></p> <p>平成16年 3月 30日登記</p>
	<p>第2004-7765号存続期間満了</p> <p>平成16年 6月 17日登記</p>
	<p><u>第2004-16173号債権譲渡</u></p> <p><u>登記の年月日</u> <u>平成16年6月30日</u></p> <p><u>譲受人</u> <u>東京都港区西新橋二丁目15番12号</u> <u>日立アセットファンディング有限会社</u></p> <p>平成16年 7月 1日登記</p>
	<p>第2004-16173号存続期間満了</p> <p>平成16年 8月 18日登記</p>
	<p><u>第2004-23932号債権譲渡</u></p> <p><u>登記の年月日</u> <u>平成16年8月29日</u></p> <p><u>譲受人</u> <u>東京都港区西新橋二丁目15番12号</u> <u>日立アセットファンディング有限会社</u></p> <p>平成16年 9月 30日登記</p>
	<p>第2004-23932号存続期間満了</p> <p>平成16年 12月 17日登記</p>
登記記録に関する事項	<p>平成15年8月18日神奈川県海老名市下今泉810番地から本店移転</p> <p>平成15年 8月 19日登記</p>

整理番号 オ144657 * 下線のあるものは抹消事項であることを示す。

5 / 6

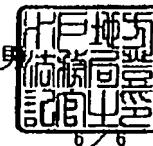
東京都港区港南二丁目15番1号
リコードプリントイングシステムズ株式会社
会社法人等番号 0104-01-051321

これは登記簿に記録されている閉鎖されていない事項の全部であることを証明
した書面である。

(東京法務局港出張所管轄)

平成17年 1月13日
水戸地方法務局
登記官

村 松 日 出



整理番号 オ144657 * 下線のあるものは係情事項であることを示す。



US006993275B2

(12) **United States Patent**
Mitsuya et al.

(10) Patent No.: **US 6,993,275 B2**
(45) Date of Patent: **Jan. 31, 2006**

(54) **IMAGE POSITION DETECTING METHOD**

(75) Inventors: Teruaki Mitsuya, Hitachinaka (JP); Hiroyuki Mabuchi, Hitachinaka (JP); Toru Miyasaka, Tsuchiura (JP); Mieko Ishii, Tsuchiura (JP)

(73) Assignee: Ricoh Printing Systems, Ltd., Tokyo (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 69 days.

(21) Appl. No.: 10/796,208

(22) Filed: Mar. 10, 2004

(65) **Prior Publication Data**

US 2004/0179870 A1 Sep. 16, 2004

(30) **Foreign Application Priority Data**

Mar. 11, 2003 (JP) 2003-064526

(51) Int. Cl.
G03G 15/01 (2006.01)

(52) U.S. Cl. 399/301; 399/394; 347/116

(58) Field of Classification Search 399/301, 399/394; 347/116

See application file for complete search history.

(56)

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Primary Examiner—Christopher W. Fulton

Assistant Examiner—Tania Courson

(74) Attorney, Agent, or Firm—McGuireWoods LLP

(57) **ABSTRACT**

In an electrophotographic recording device, a multicolor toner image is formed by images in each color superimposed on one another. In order to detect image misalignment, image-forming units form a color registration detection pattern, and sensors detect the pattern and output detection signals. A control unit detects the position of the patterns based on only portions of the detection signals corresponding to leading edges of the patterns.

17 Claims, 8 Drawing Sheets

Hitachi, Ltd., Tokyo (JP)

